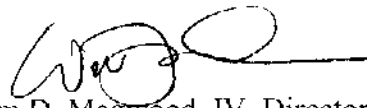


memorandum

DATE: February 28, 2005
REPLY TO:
ATTN OF: NE-70
SUBJECT: Annual National Environmental Policy Act (NEPA) Planning Summary-2005
TO: John Spitaleri Shaw, Assistant Secretary for Environment, Safety and Health, EH-1

As required under DOE Order 451.1B, the Office of Nuclear Energy, Science and Technology (NE) NEPA Planning Summary for calendar year 2005 is attached. Should you have questions, call me on (202) 586-6630. Your staff may contact Raj Sharma, NE NEPA Compliance Officer, at (301) 903-2899.



William D. Magwood, IV, Director
Office of Nuclear Energy, Science
and Technology

Attachment

cc: Carol M. Borgstrom, EH-42

MAR 02 2005

**National Environmental Policy Act (NEPA) Planning Summary-2005
Office of Nuclear Energy, Science and Technology**

Status of Ongoing NEPA Compliance Activities

Environmental Impact Statement (EIS) for the Proposed Consolidation of Nuclear Operations Related to Production of Radioisotope Power Systems (RPS) (DOE/EIS-0373)

Currently, the Department of Energy's (DOE) ongoing RPS-related nuclear operations are located at three DOE sites in Idaho, New Mexico, and Tennessee, thus requiring transport of radioactive material that could be avoided by consolidation of these activities at a single, highly secure DOE site. The proposed consolidation of these operations, which includes production, purification, and encapsulation of plutonium-238, would be consistent with DOE's approach on consolidating nuclear materials, increasing the security of nuclear materials, and reducing risks associated with transportation of nuclear materials. The Notice of Intent to prepare the EIS, published in the *Federal Register* on November 16, 2004, identifies Idaho National Laboratory in Idaho as the preferred site for consolidation of RPS-related nuclear operations. The scoping meetings were held at seven locations during December 2004, and the formal comment period ended on January 31, 2005. The draft EIS is expected to be issued for public and agency comments during late spring and the final EIS in late summer 2005. The cost is estimated to be \$936,000, through preparation of the final EIS.

Environmental Assessment (EA) for the Remote Treatment Project (DOE/EA-1386)

This environmental assessment for the proposed action to provide a heavily shielded remote waste handling facility at the Materials and Fuels Complex (formerly Argonne National Laboratory-West), Idaho National Laboratory, is being prepared by the NE-Idaho Operations Office and is included in the NEPA Planning Summary for the Idaho site. The EA is expected to be finalized by July 2005.

EAs Expected to be Prepared in the Next 12 Months

EA for the Materials Test Station (MTS) for the Development of Future Fast Spectrum Systems

NE is currently designing and may propose construction of a new capability at the Los Alamos National Laboratory for the production of fast neutrons of sufficient intensity to conduct materials and fuels research associated with advanced fission and fusion energy systems. This capability will be made possible with the use of the medium energy protons from the LANSCE accelerator coupled with a spallation neutron production target. The proposed MTS would be built in the existing experiment hall, Area-A.

EISs Expected to be Prepared in the Next 24 months

None.